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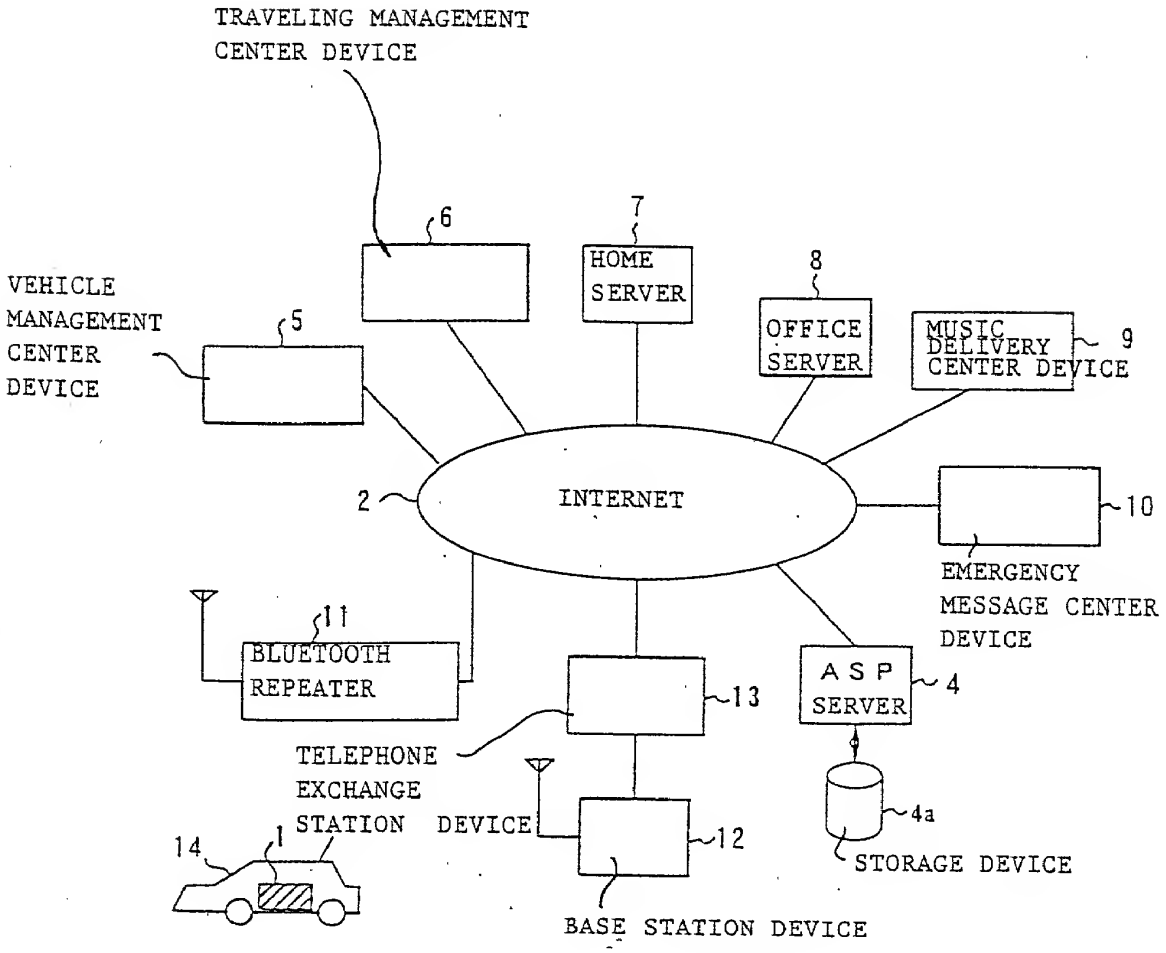

FIG. 1

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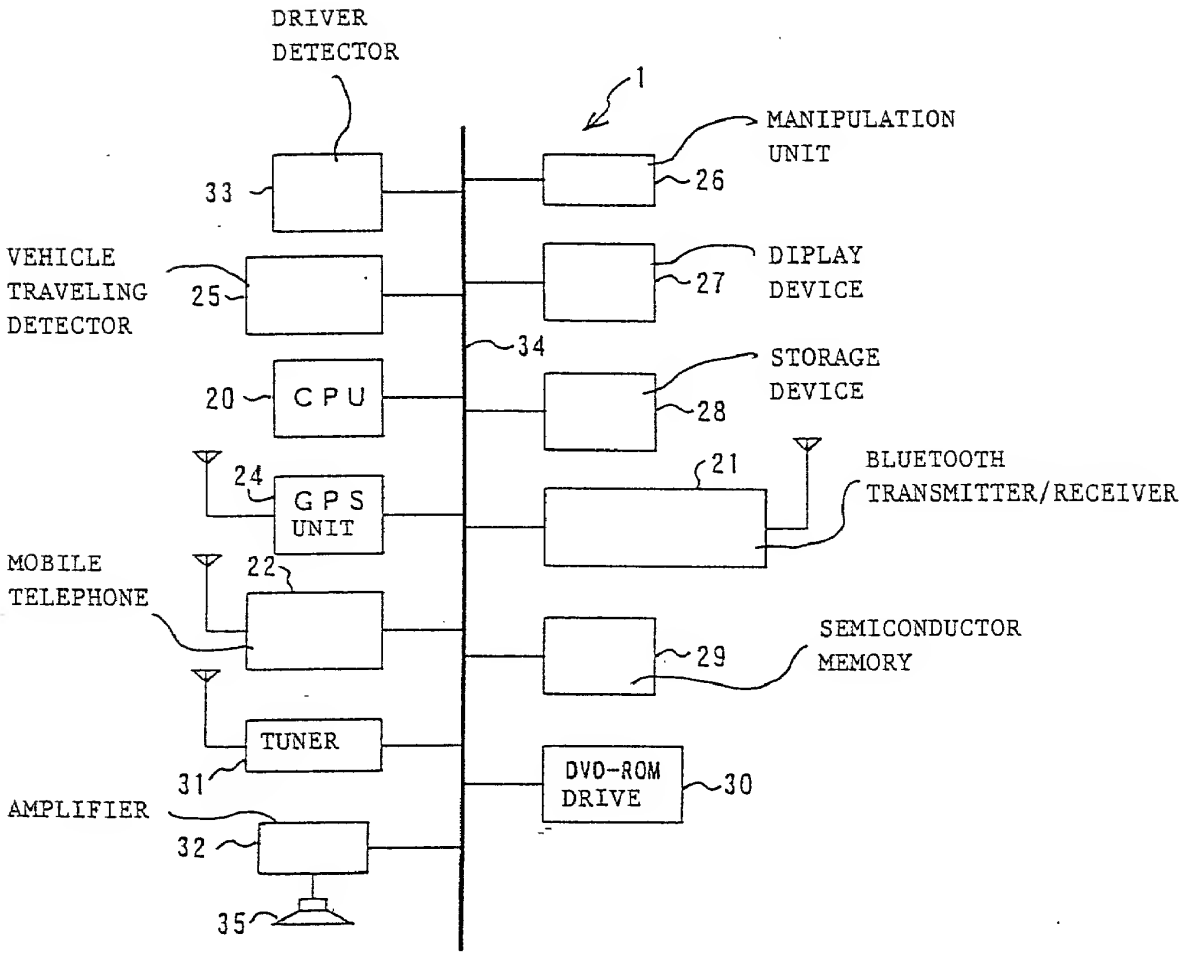

FIG. 2

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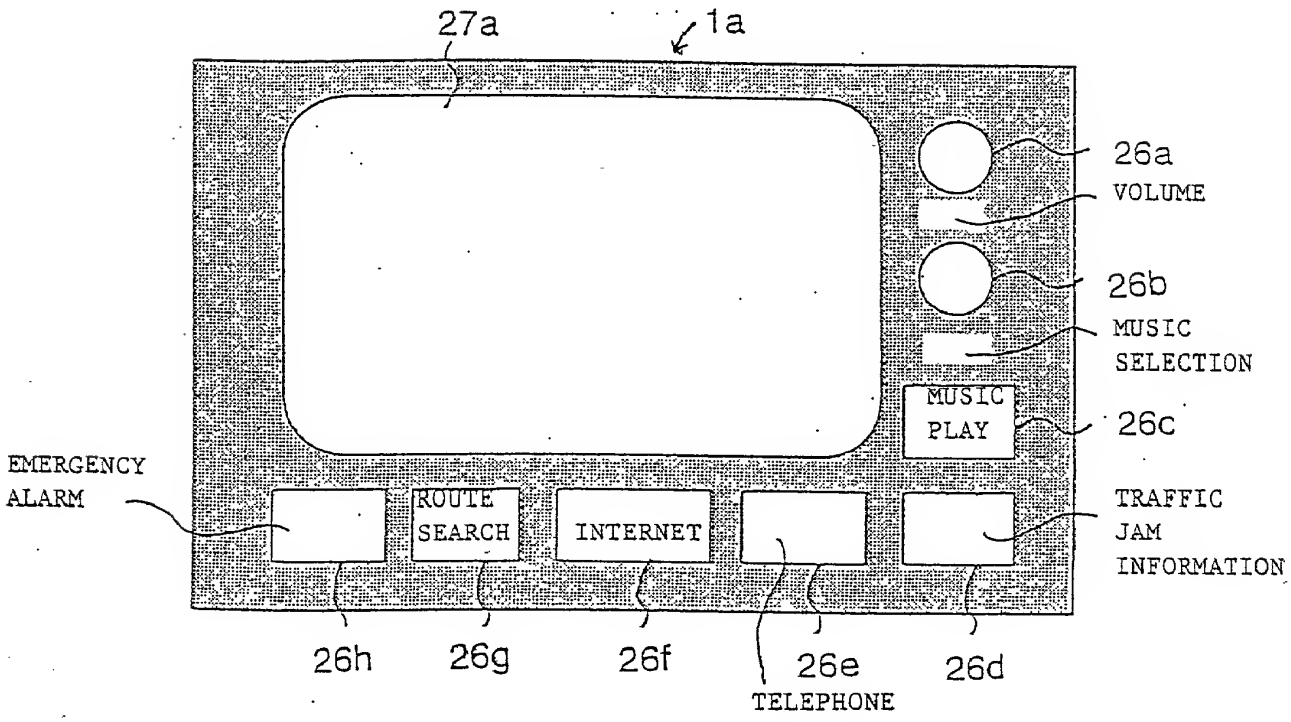

FIG. 3

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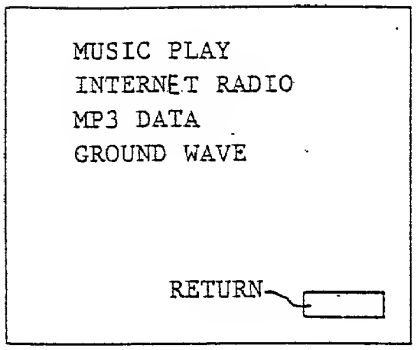

FIG. 4A

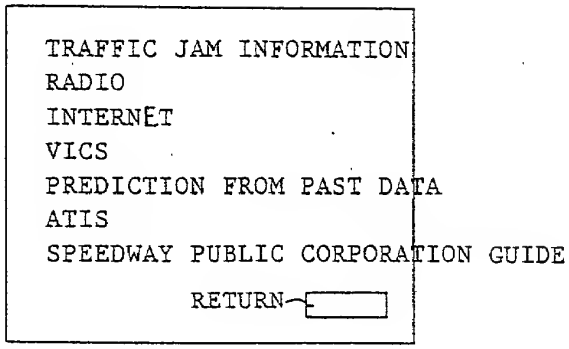

FIG. 4B

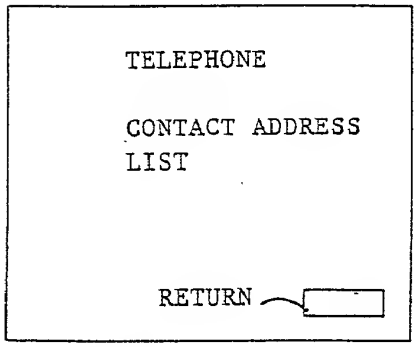

FIG. 4C

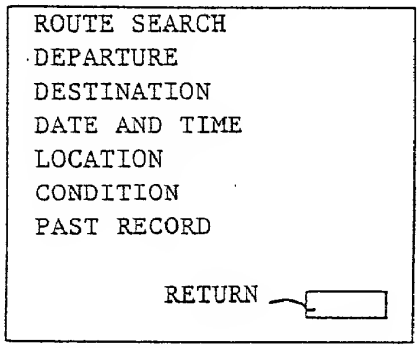

FIG. 4D

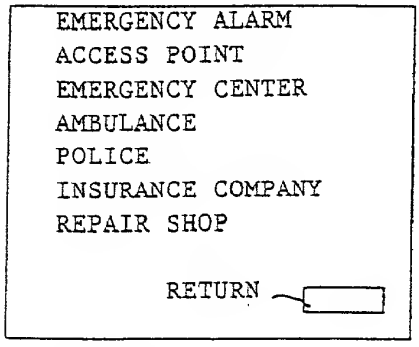

FIG. 4E

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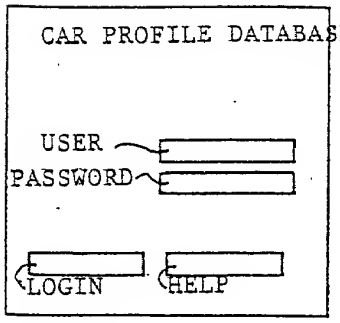

FIG. 5A

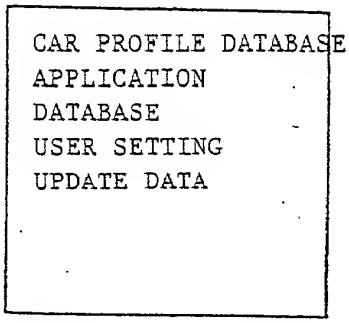

FIG. 5B

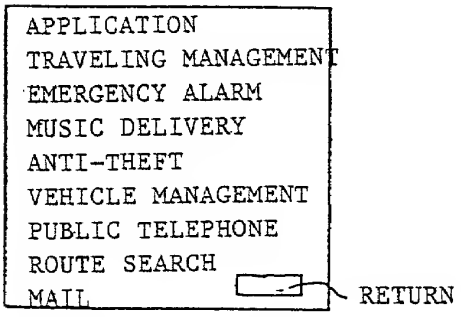

FIG. 5C

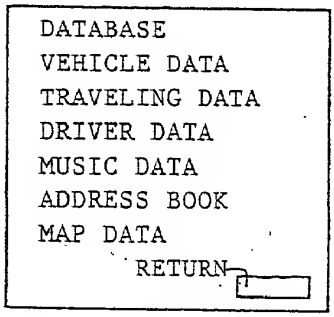

FIG. 5D

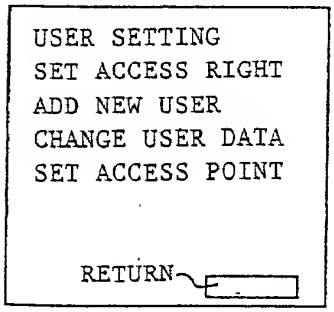

FIG. 5E

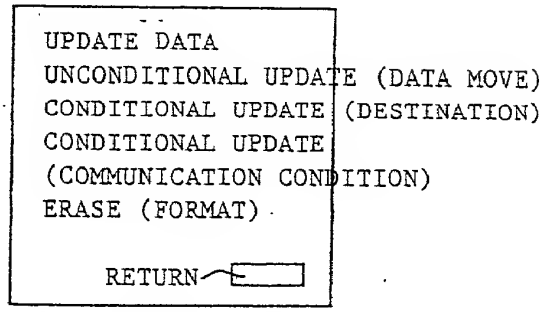

FIG. 5F

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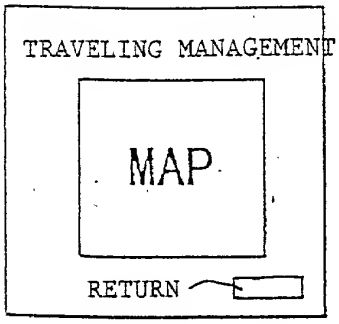

FIG. 6A

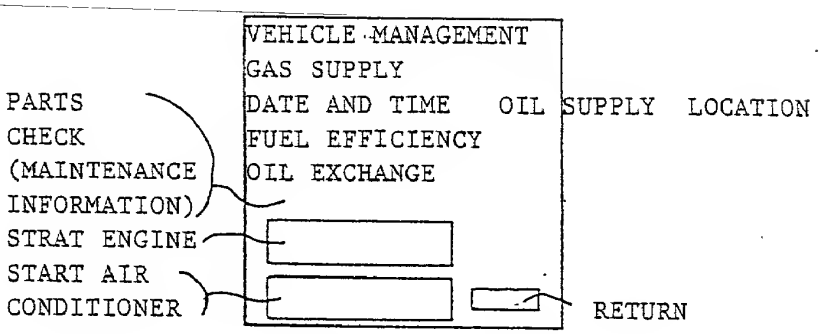

FIG. 6E

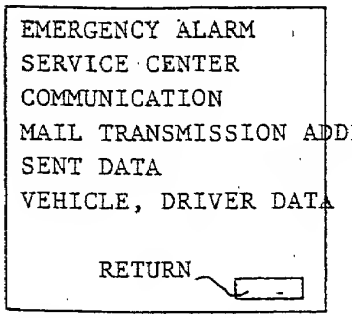

FIG. 6B

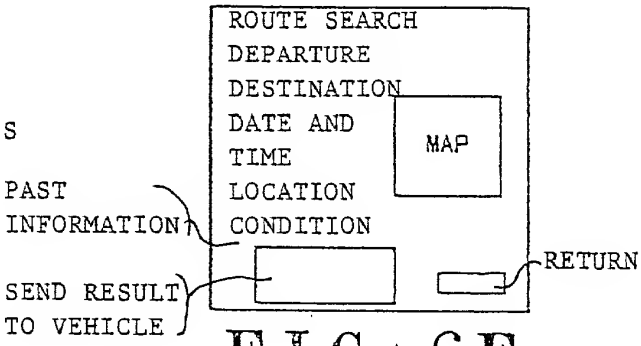

FIG. 6F

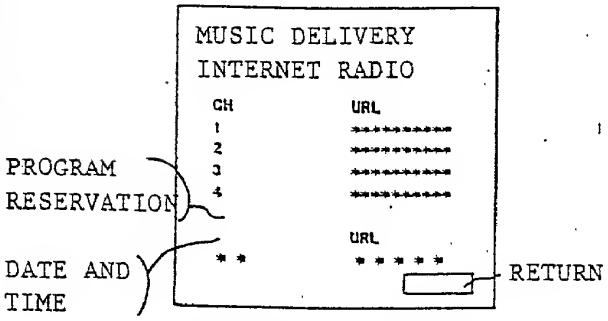

FIG. 6C

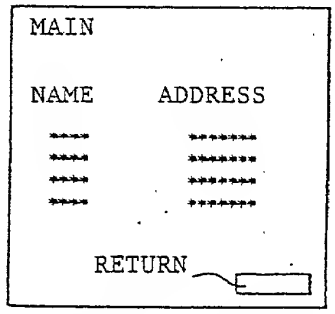

FIG. 6G

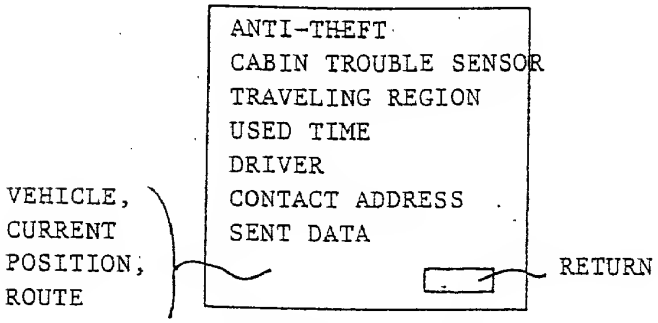

FIG. 6D

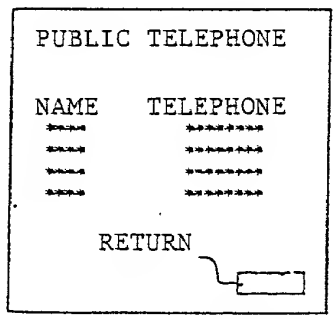

FIG. 6H

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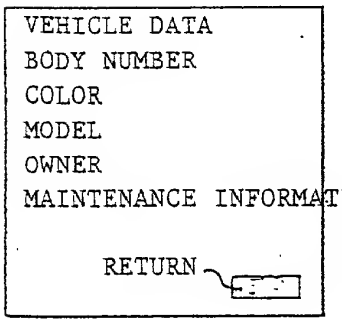

FIG. 7A

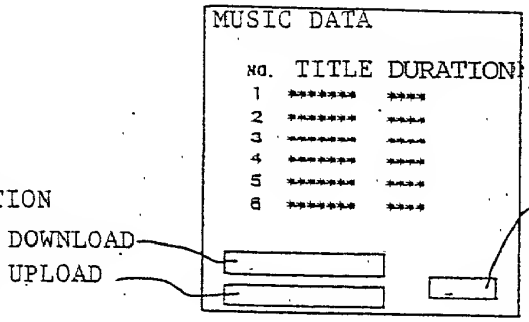

FIG. 7D

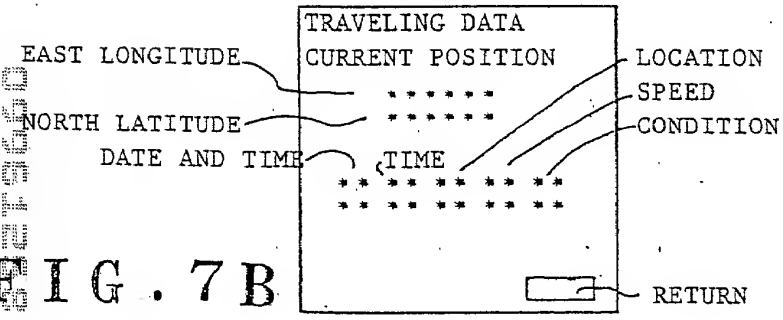

FIG. 7B

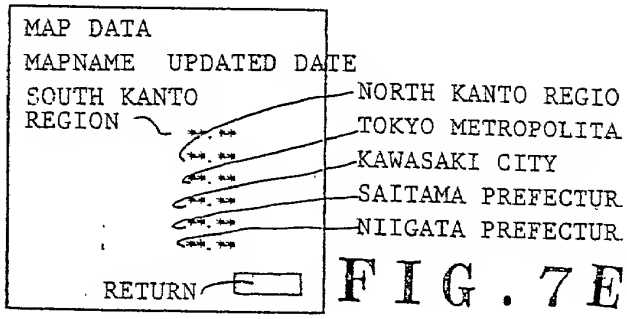

FIG. 7E

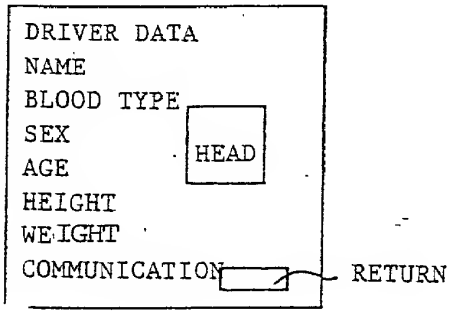

FIG. 7C

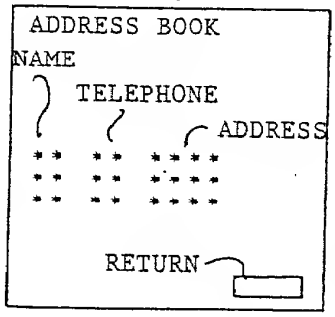

FIG. 7F

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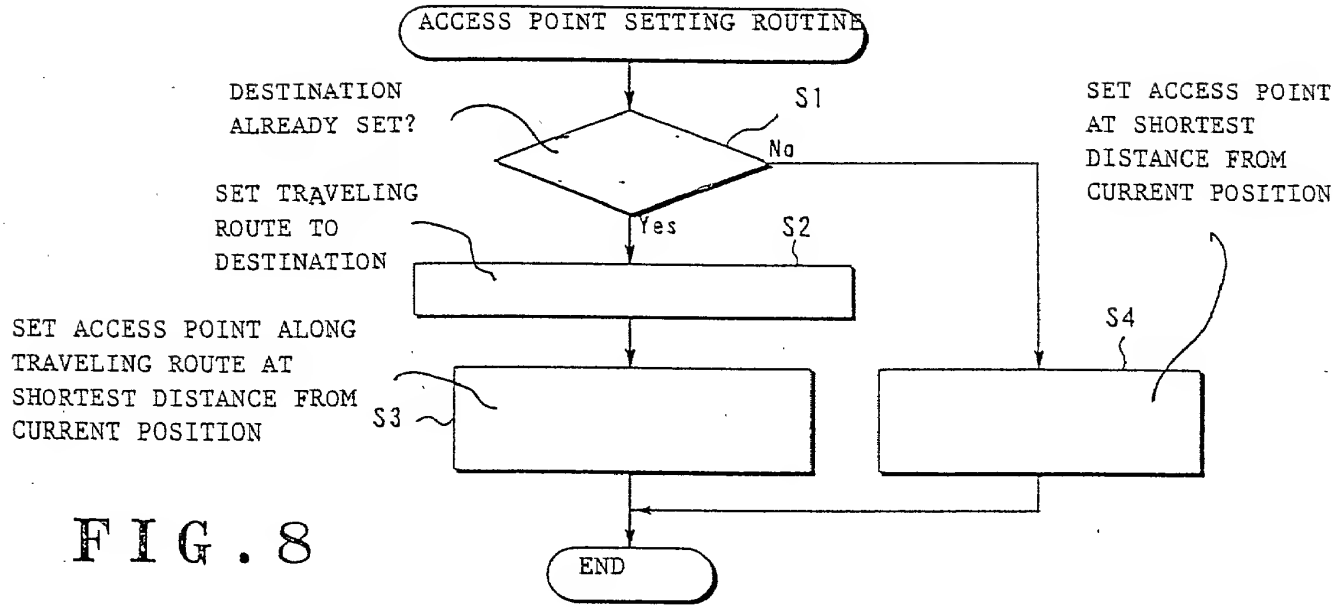

FIG. 8

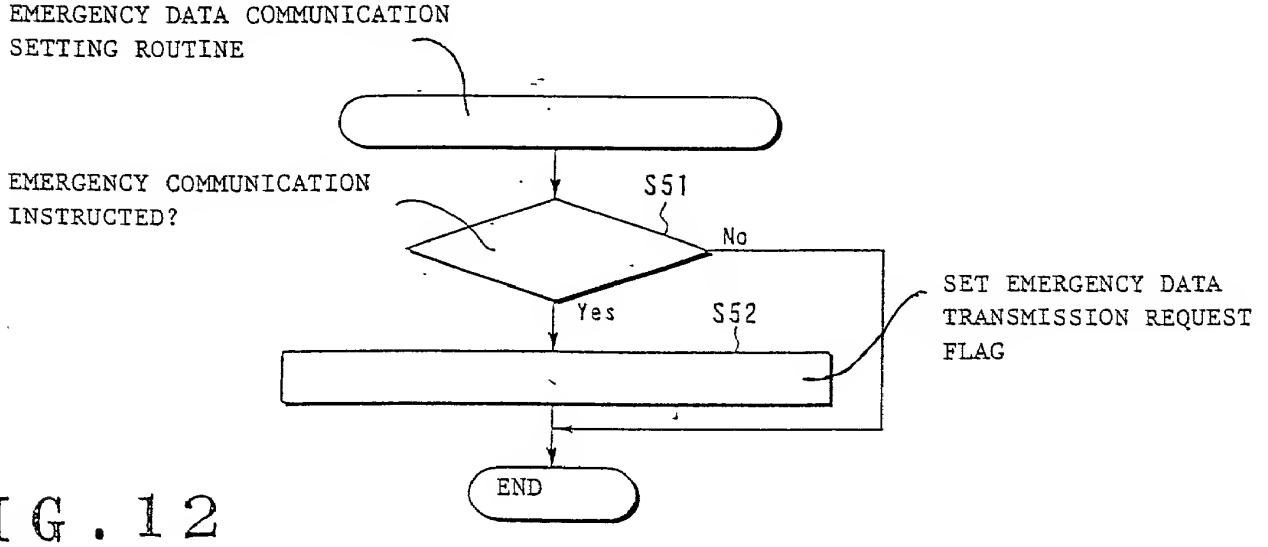

FIG. 12

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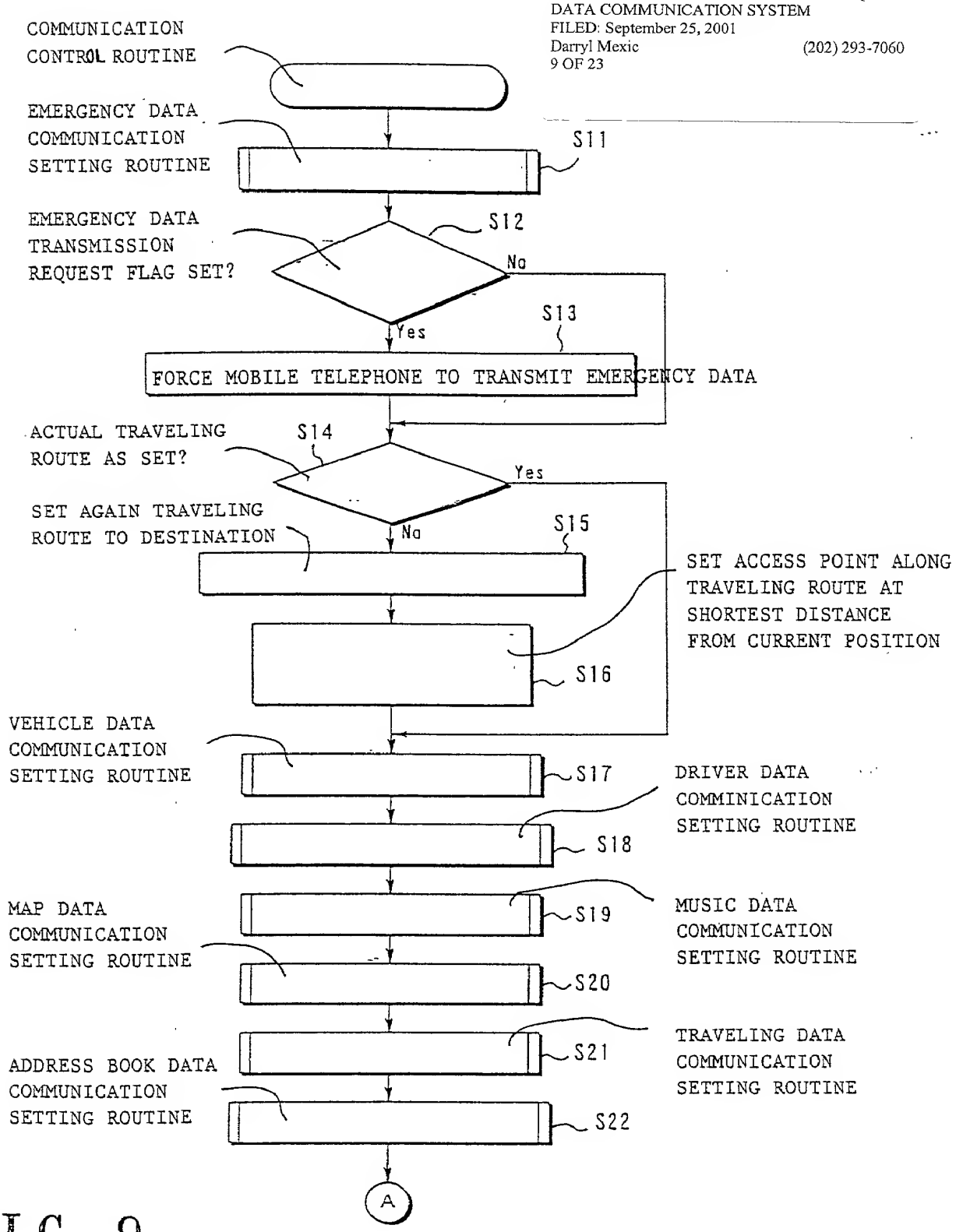

FIG. 9

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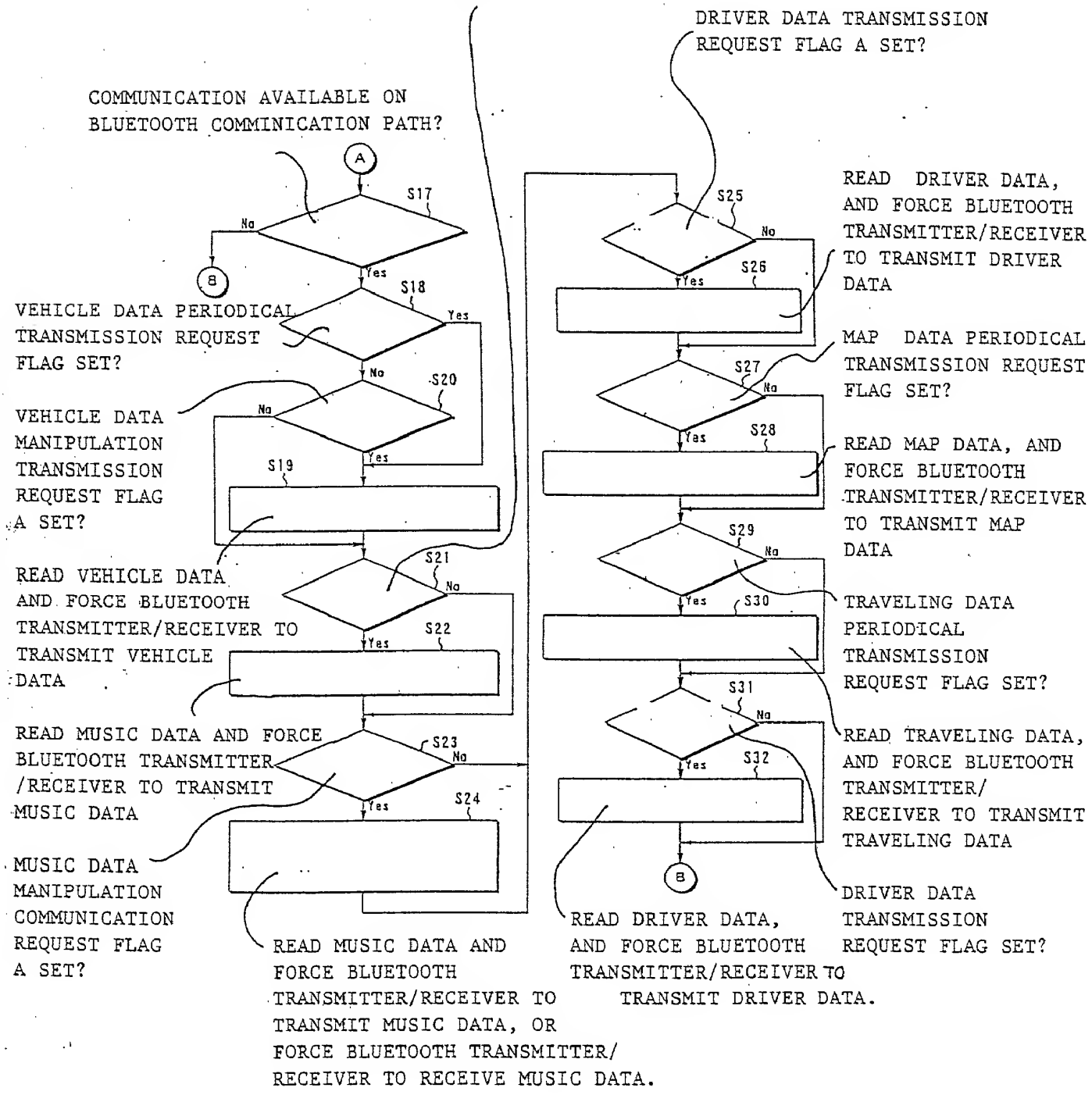

FIG. 10

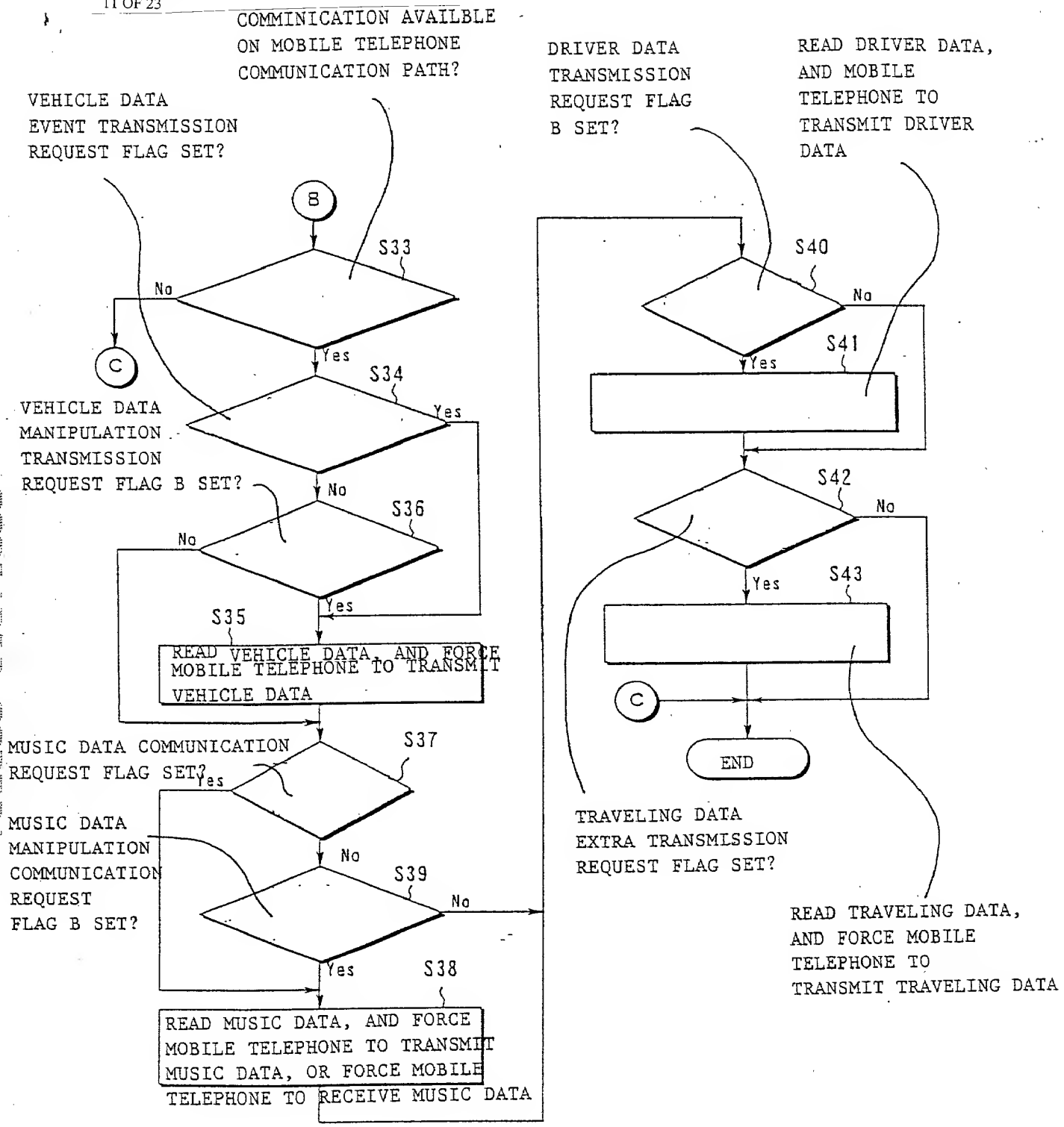
COMMINICATION AVAILBLE ON MOBILE TELEPHONE COMMUNICATION PATH?
VEHICLE DATA EVENT TRANSMISSION REQUEST FLAG SET?
B
S33
No
Yes
C
S34
VEHICLE DATA MANIPULATION TRANSMISSION REQUEST FLAG B SET?
Yes
No
S36
No
Yes
S35
READ VEHICLE DATA, AND FORCE MOBILE TELEPHONE TO TRANSMIT VEHICLE DATA
MUSIC DATA COMMUNICATION REQUEST FLAG SET?
S37
Yes
MUSIC DATA MANIPULATION COMMUNICATION REQUEST FLAG B SET?
No
S39
No
Yes
S38
READ MUSIC DATA, AND FORCE MOBILE TELEPHONE TO TRANSMIT MUSIC DATA, OR FORCE MOBILE TELEPHONE TO RECEIVE MUSIC DATA
DRIVER DATA TRANSMISSION REQUEST FLAG B SET?
S40
No
Yes
S41
S42
No
Yes
S43
C
END
TRAVELING DATA EXTRA TRANSMISSION REQUEST FLAG SET?
READ DRIVER DATA, AND MOBILE TELEPHONE TO TRANSMIT DRIVER DATA
READ TRAVELING DATA, AND FORCE MOBILE TELEPHONE TO TRANSMIT TRAVELING DATA

FIG. 11

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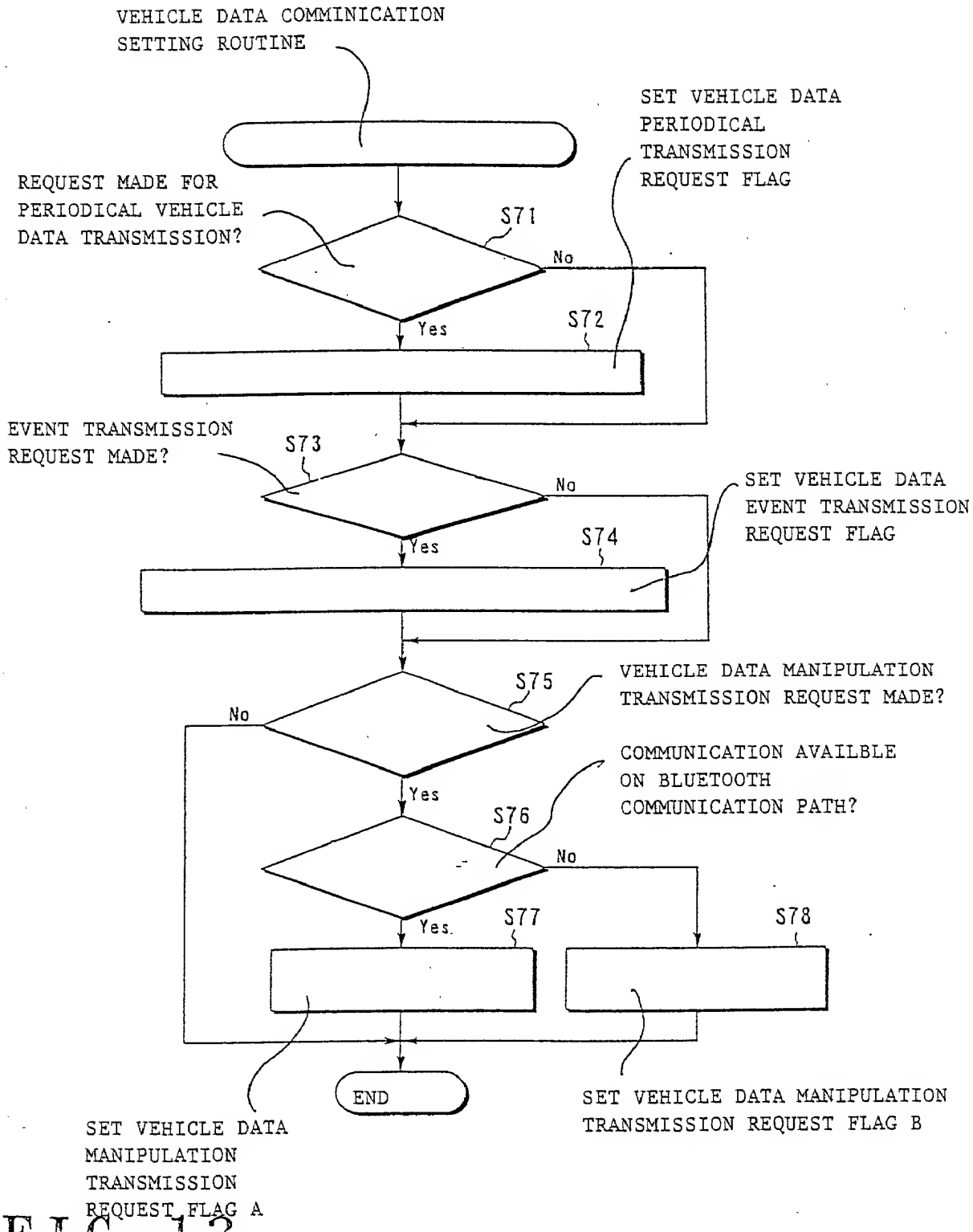

FIG. 13

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	TYPE	UPDATE CYCLE	PRECEDING UPDATE DATE AND TIME
VEHICLE DATA		ONE WEEK	XXXX:YY:ZZ 12:10
DRIVER DATA		START OF VEHICLE	XXXX:YY:ZZ 11:03
MUSIC DATA		TWICE A DAY	XXXX:YY:ZZ 12:00
MAP DATA		ONE A MONTH	XXXX:YY:ZZ 09:45
TRAVELING DATA		EVERY 10 MINUTES	XXXX:YY:ZZ 12:50
ADDRESS BOOK DATA		ONE A DAY	XXXX:YY:ZZ 10:10
EMERGENCY DATA		(OCCURRENCE OF EMERGENCY	XXXX:AY:GH 17:30

FIG. 14

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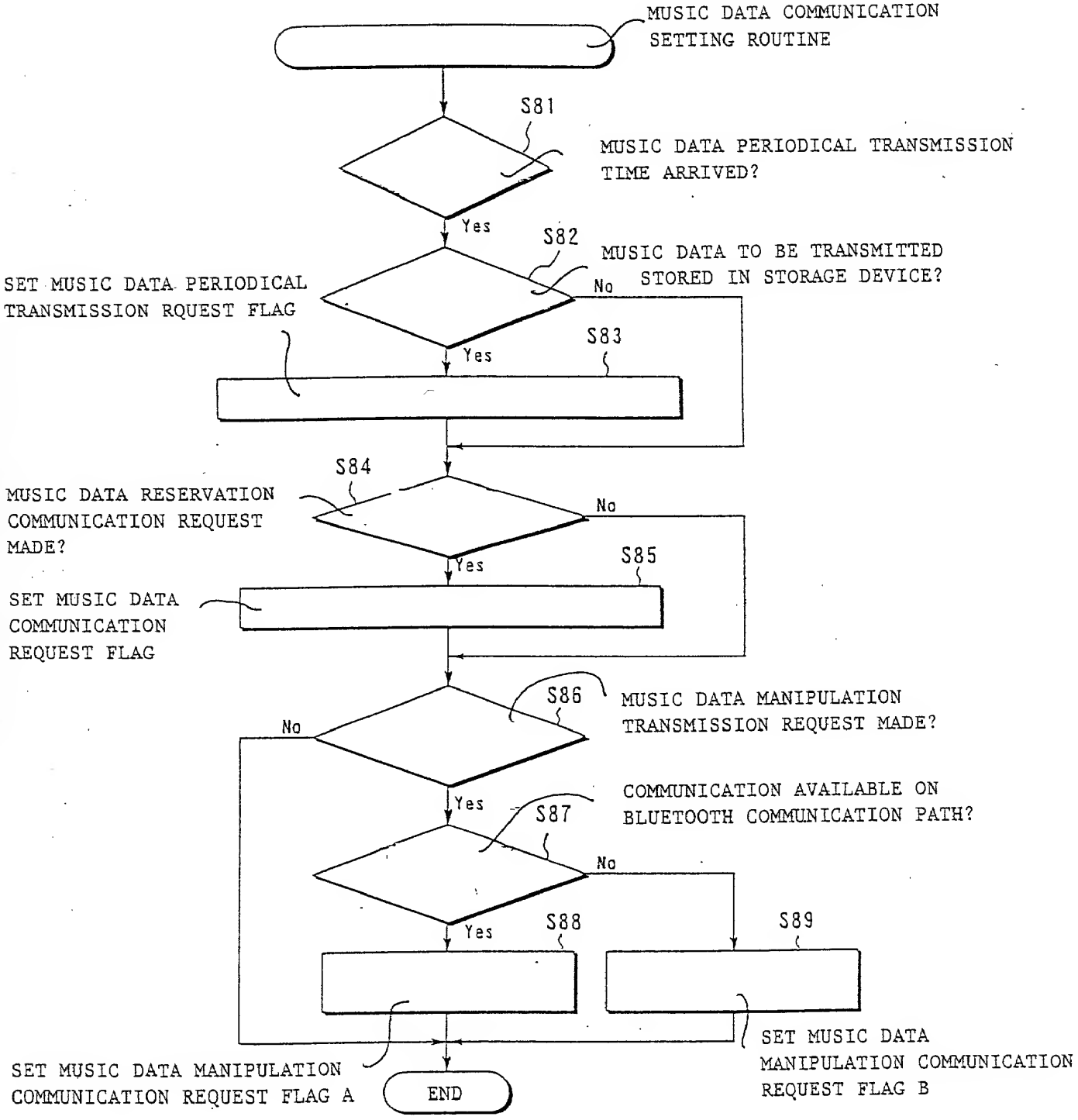

FIG. 15

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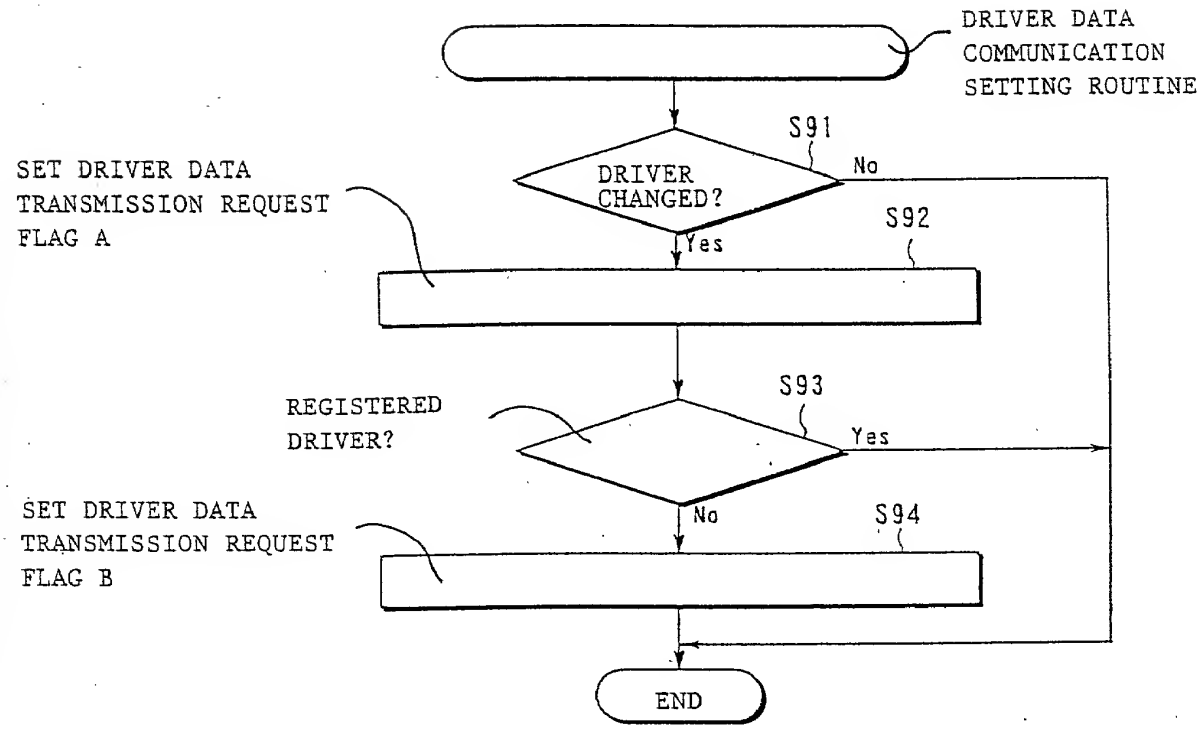

FIG. 16

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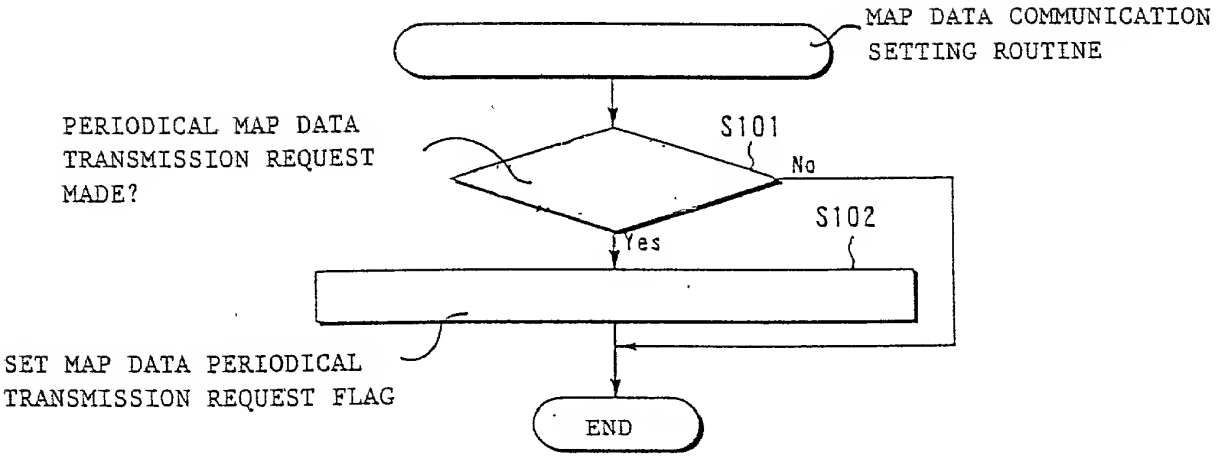

FIG. 17

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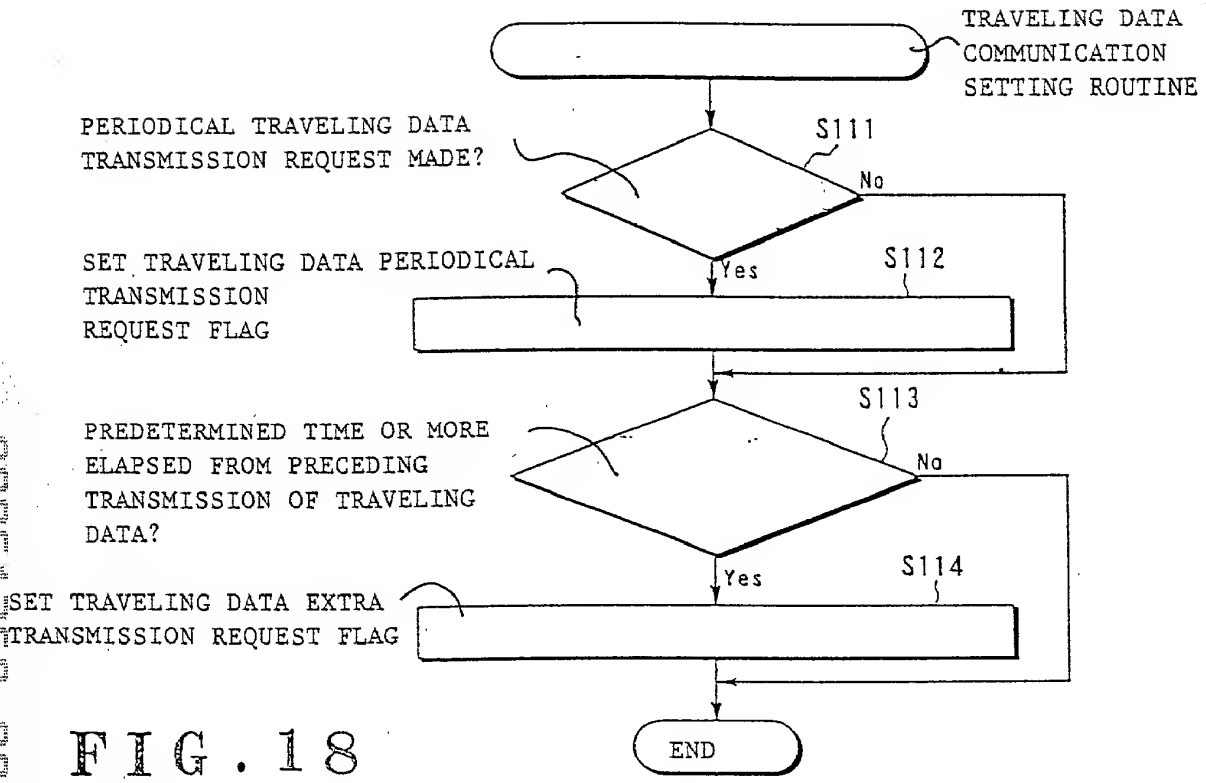

FIG. 18

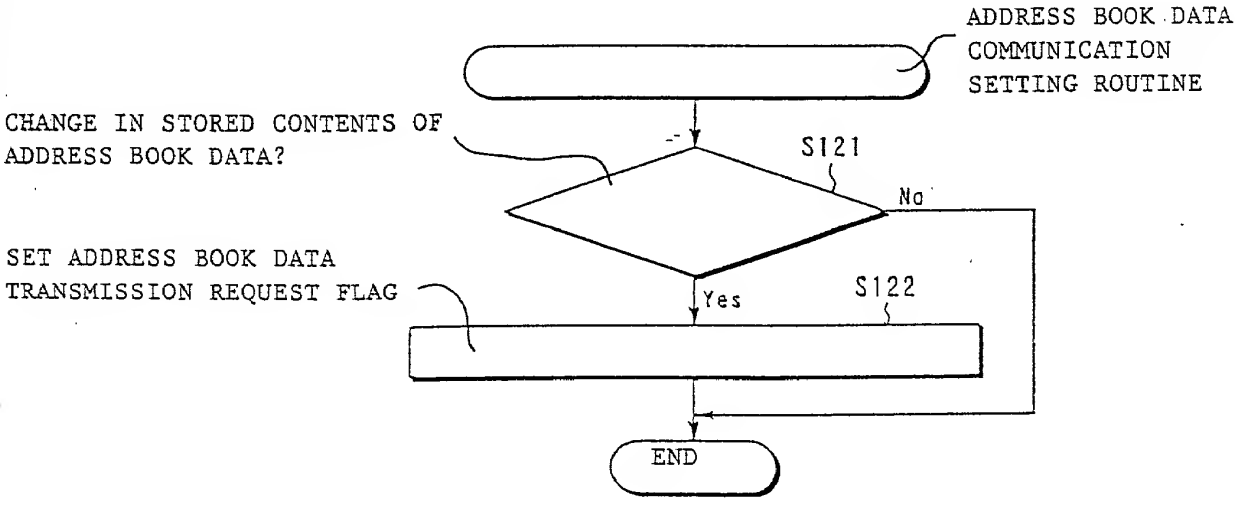

FIG. 19

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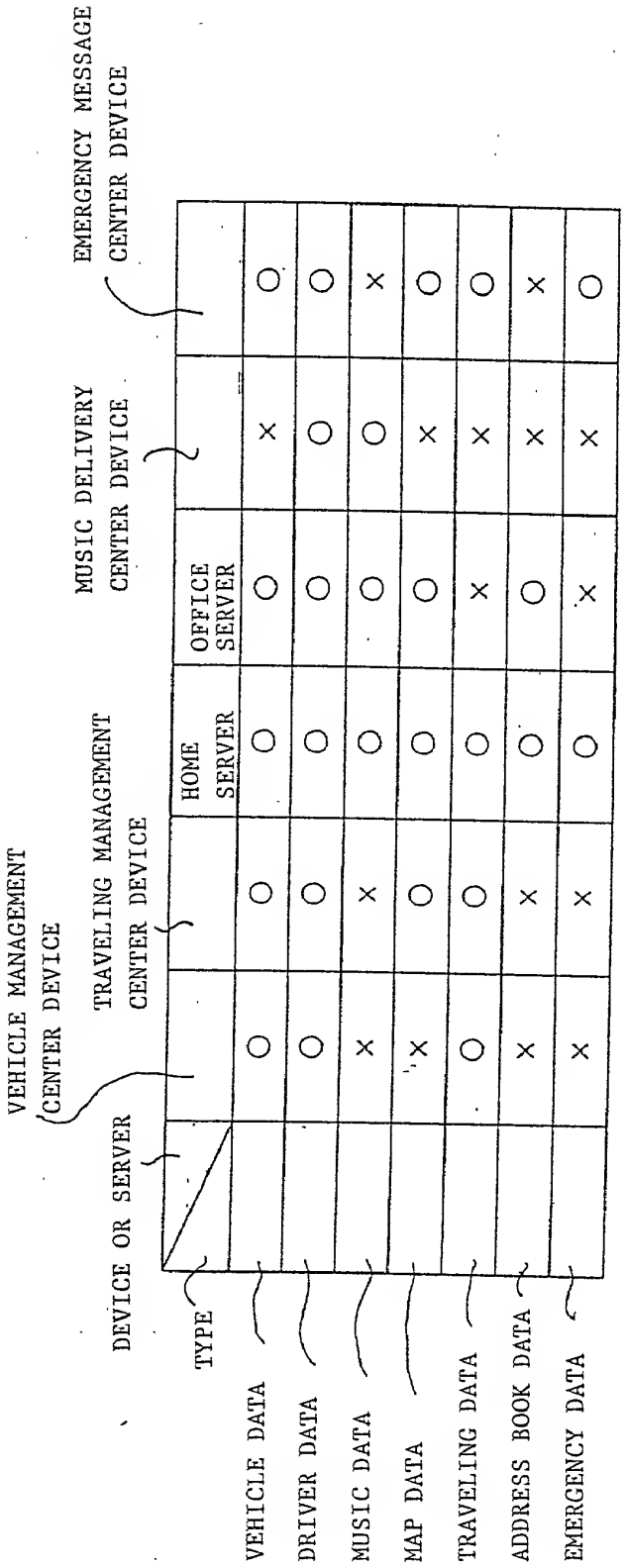

FIG. 20

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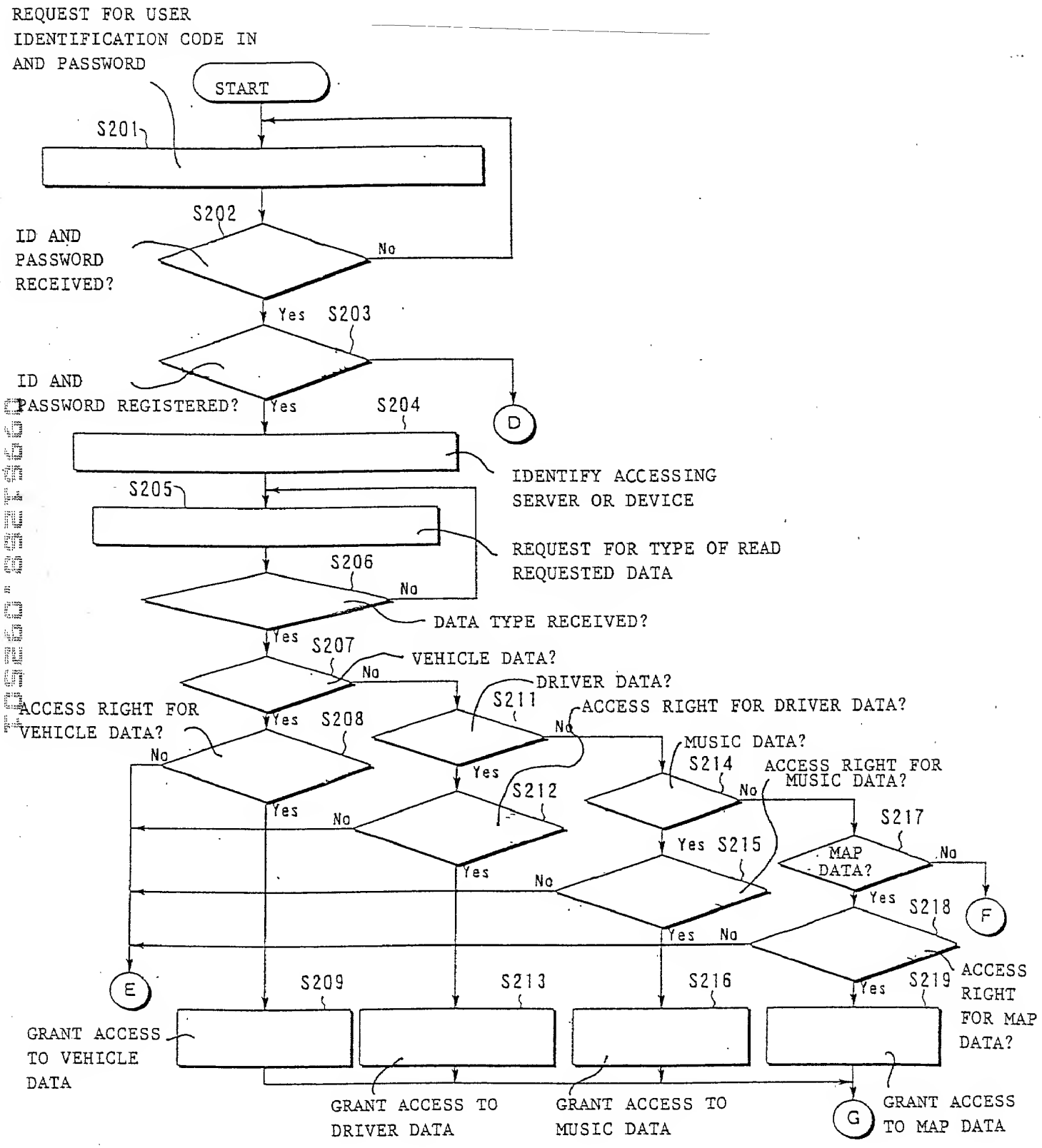

FIG. 21

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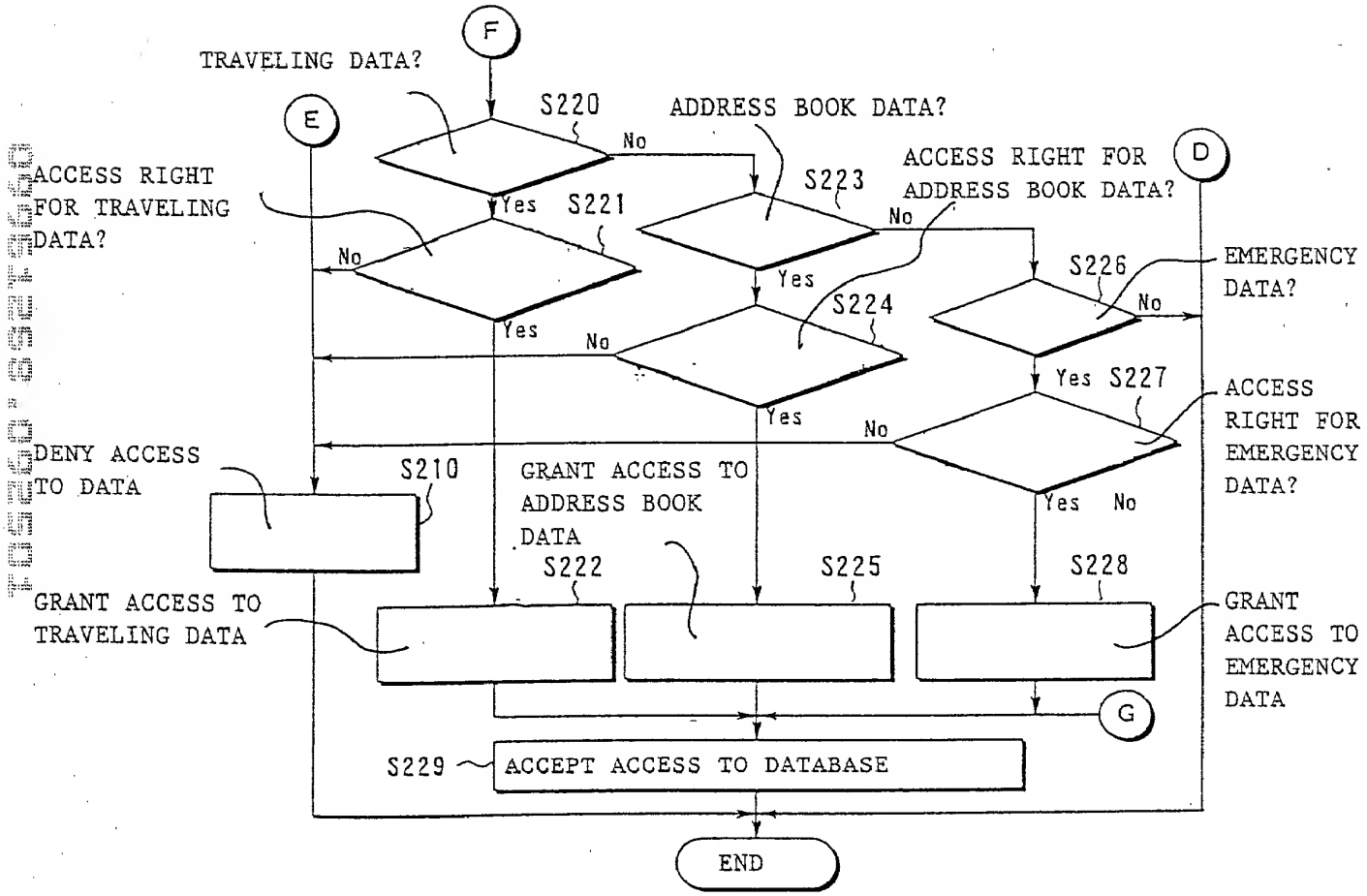

FIG. 22

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USER GROUP / TYPE	OWNER	FAMILY MEMBER	FRIEND	SECURITY COMPANY	POLICE	FIRE STATION	REPAIR SHOP
VEHICLE DATA	○	○	○	○	○	○	○
DRIVER DATA	○	○	○	○	×	○	×
MUSIC DATA	○	×	○	×	×	×	×
MAP DATA	○	○	○	○	○	×	×
TRAVELING DATA	○	○	×	×	×	×	○
ADDRESS BOOK DATA	○	×	×	×	×	×	×

FIG. 23

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Q66379
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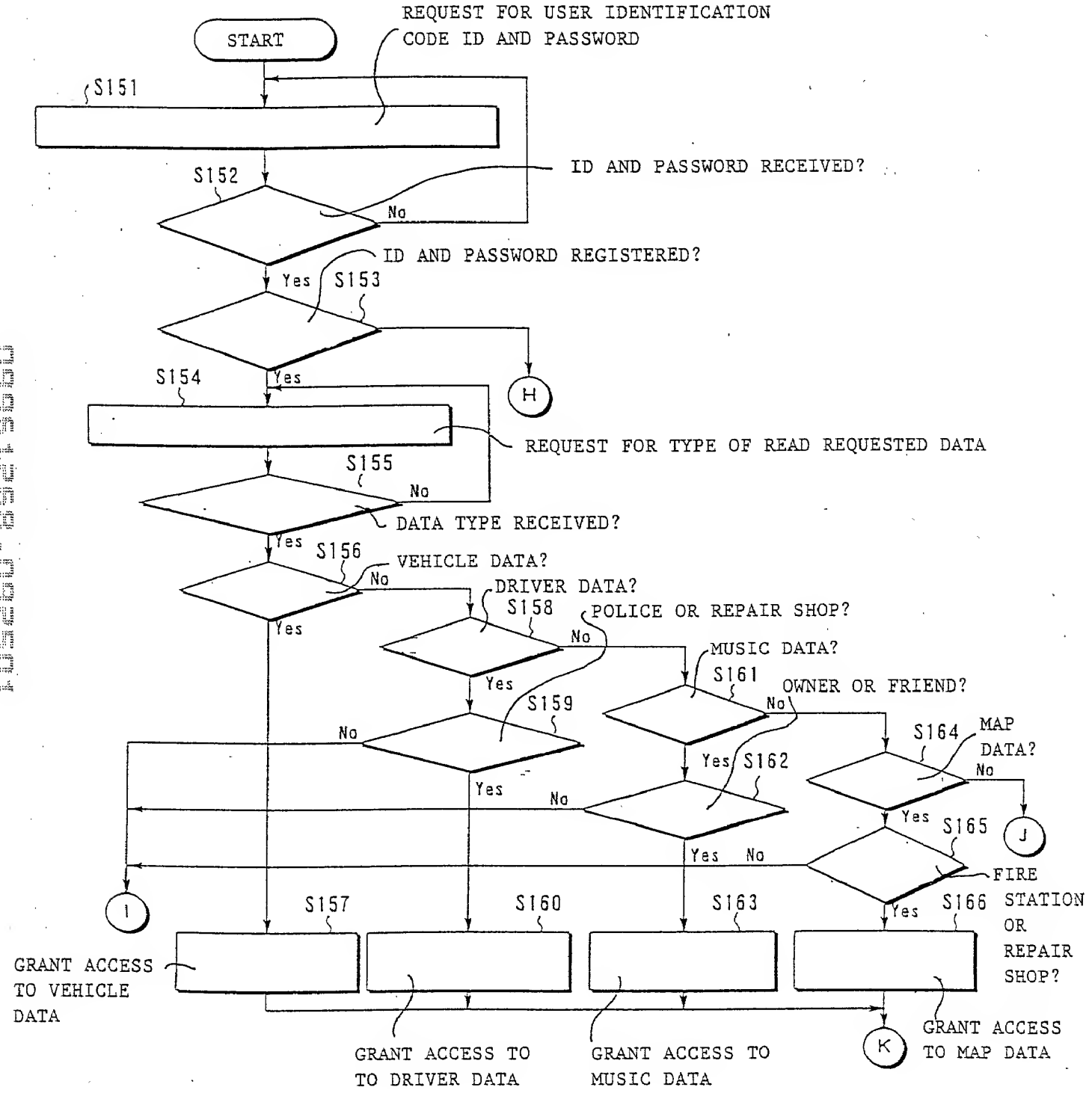

FIG. 24

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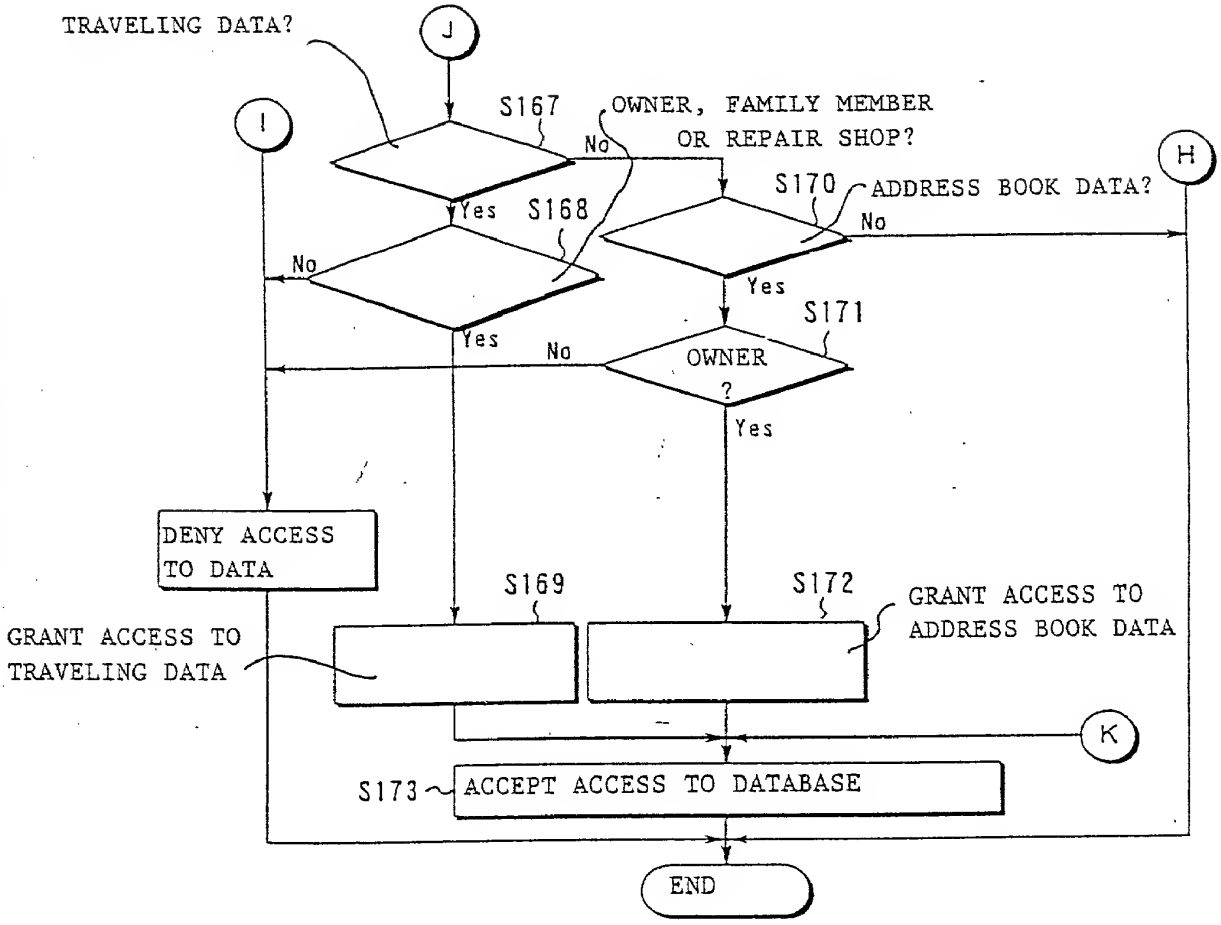

FIG. 25